

**Search Notes**

Application/Control No.

09/915,494

Examiner

Gary W. Counts

Applicant(s)/Patent under  
Reexamination

HUDAK, ROBERT THOMAS

Art Unit

1641

**SEARCHED**

Class	Subclass	Date	Examiner
422	55, 58, 68.1, 102	10/14/2003	GC
	103, 104	10/14/2003	GC
435	7.1	10/14/2003	GC
436	518, 164	10/14/2003	GC
73	864.32	10/14/2003	GC
	864.63	10/14/2003	GC
	864.91	10/14/2003	GC
search	updated	5/5/2004	GC
search	updated	11/12/2004	GC
search	updated	3/4/2005	GC
422	81, 82	8/24/2005	GC
search	updated	8/24/2005	GC
search	updated	1/9/2006	GC

**INTERFERENCE SEARCHED**

Class	Subclass	Date	Examiner

**SEARCH NOTES  
(INCLUDING SEARCH STRATEGY)**

	DATE	EXMR
Palm Inventors Search & East/West, STN	10/14/2003	GC
Consulted Long Le, SPE 1641 concerning valve and piston configuration	10/15/2003	GC
search updated	5/5/2004	GC
search updated	11/12/2004	GC
search updated	3/4/2005	GC
Consulted Long Le, SPE concerning Cui et al as 102 on the valve being inoperable after first actuation	8/25/2005	GC
search updated	1/9/2006	GC